L Number	Hits	Search Text	DB	Time stamp
1	16	((Bragg adj grating) with pattern\$3 with (index near2 refract\$5 near2 variation)	USPAT; US-PGPUB	2004/02/09 15:48
2.	226	with (fiber or fibre)) ((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (temperature or	USPAT; US-PGPUB	2004/02/09 15:57
3	169	pressure)) ((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (temperature or	USPAT; US-PGPUB	2004/02/09 15:58
4	74	pressure)) ((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (temperature and pressure))	USPAT; US-PGPUB	2004/02/09 15:58
5	22	((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or	USPAT; US-PGPUB	2004/02/09 16:01
6	0	grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (temperature and	EPO; JPO; DERWENT; IBM_TDB	2004/02/09 16:01
7	2	pressure) with (increas\$3 or decreas\$3 or alter\$3 or regulat\$3 or vary or varied or varies or ramp\$3 or spik\$4)) ((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") and (photosensiti\$5 or sensiti\$5 or load\$3)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or	EPO; JPO; DERWENT; IBM_TDB	2004/02/09 16:02
8	8	"D.sub.2") and (temperature or pressure) with (increas\$3 or decreas\$3 or alter\$3 or regulat\$3 or vary or varied or varies or ramp\$3 or spik\$4)) ((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2")) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") and (temperature or pressure)	EPO; JPO; DERWENT; IBM_TDB	2004/02/09 16:02
		<pre>with (increas\$3 or decreas\$3 or alter\$3 or regulat\$3 or vary or varied or varies or ramp\$3 or spik\$4))</pre>	~	

		·		
9	6	(((Bragg or diffraction or period) near2 grating) and ((hydrogen or H2 or	EPO; JPO; DERWENT;	2004/02/09 16:02
		"H.sub.2" or deuterium or D2 or "D.sub.2")) and ((hydrogen or H2 or	IBM_TDB	
		"H.sub.2" or deuterium or D2 or		
		"D.sub.2") and (temperature or pressure)		
	i	with (increas\$3 or decreas\$3 or alter\$3		
		or regulat\$3 or vary or varied or varies or ramp\$3 or spik\$4))) not (((Bragg or		
. 1	i	diffraction or period) near2 grating) and		
l		((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") and		
	,	(photosensiti\$5 or sensiti\$5 or load\$3)) and ((hydrogen or H2 or "H.sub.2" or		(
		deuterium or D2 or "D.sub.2") and		
	-	(temperature or pressure) with (increas\$3	-	
		or decreas\$3 or alter\$3 or regulat\$3 or vary or varied or varies or ramp\$3 or		
		spik\$4)))		
_	1	5235659.pn.	USPAT;	2004/02/09
	_		US-PGPUB	09:35
-	6	(Vohra.in. or Boettcher.in. or Optinel.as.) and (\$6sensitivity with	USPAT; US-PGPUB;	2004/02/09
		(fiber or fibre or waveguide or (wave adj	EPO; JPO;	
		guide)))	DERWENT;	
'		(Mahara in an Bost-tahan in an	IBM_TDB USPAT;	2004/02/09
-	6	(Vohra.in. or Boettcher.in. or Optinel.as.) and ((hydrogen or H2 or	US-PGPUB;	09:41
		"H.sub.2") with (fiber or fibre or	EPO; JPO;	
	ļ	waveguide or (wave adj guide)))	DERWENT;	
	30	(Vohra.in. or Boettcher.in. or	IBM_TDB USPAT;	2004/02/09
-	30	Optinel.as.) and ((hydrogen or H2 or	US-PGPUB;	09:42
		"H.sub.2") with (temperature or	EPO; JPO;	
		pressure))	DERWENT; IBM TDB	
	28	((Vohra.in. or Boettcher.in. or	USPAT;	2004/02/09
	20	Optinel.as.) and ((hydrogen or H2 or	US-PGPUB;	09:41
	·	"H.sub.2") with (temperature or	EPO; JPO;	
		pressure))) not ((Vohra.in. or Boettcher.in. or Optinel.as.) and	DERWENT;	
		((hydrogen or H2 or "H.sub.2") with	1211_122	
		(fiber or fibre or waveguide or (wave adj		
	101	guide))))	USPAT;	2004/02/09
-	121	(Vohra.in. or Boettcher.in. or Optinel.as.) and ((ramp\$3 or spik\$3 or	US-PGPUB;	10:16
	·	regulat\$3 or increas\$3 or decreas\$3 or	EPO; JPO;	
		vary or varies or varied or alter\$3 or	DERWENT; IBM TDB	
_	13	<pre>profile) with (temperature or pressure)) ((Vohra.in. or Boettcher.in. or</pre>	USPAT;	2004/02/09
	13	Optinel.as.) and ((ramp\$3 or spik\$3 or	US-PGPUB;	09:48
		regulat\$3 or increas\$3 or decreas\$3 or	EPO; JPO;	
		<pre>vary or varies or varied or alter\$3 or profile) with (temperature or pressure)))</pre>	DERWENT; IBM TDB	
		and (waveguide or (wave adj guide) or	15.1_155	
		(optic\$2 near2 (fiber or fibre)))		0004/55/55
-	1642	(427/553,555,558,595).CCLS.	USPAT; US-PGPUB	2004/02/09 09:48
1_	693	(427/163.1,163.2).CCLS.	USPAT;	2004/02/09
			US-PGPUB	09:48
-	1665	(427/248.1).CCLS.	USPAT;	2004/02/09
	2002	(427/372.2,374.1,377,379).CCLS.	US-PGPUB USPAT;	09:48 2004/02/09
-	3882	(421/312.2,314.1,311/319).0000.	US-PGPUB	09:49
-	259	(385/10).CCLS.	USPAT;	2004/02/09
	2-7-5	/205 /102 124 125 126 127 120 CCTC	US-PGPUB USPAT;	09:49 2004/02/09
-	3172	(385/123,124,125,126,127,128).CCLS.	US-PGPUB	09:49
_	1412	(385/141,142,144).CCLS.	USPAT;	2004/02/09
			US-PGPUB	09:49

F	11738	((427/553,555,558,595).CCLS.)	USPAT;	2004/02/09
_	11730	((427/163.1,163.2).CCLS.)	US-PGPUB	09:50
		((427/248.1).CCLS.)	00 10102	
		((427/372.2,374.1,377,379).ccls.)		
		((385/10).CCLS.)		·
		((385/123,124,125,126,127,128).CCLS.)		1
		((385/141,142,144).CCLS.)		
_	0	((427/553,555,558,595).CCLS.) and	USPAT;	2004/02/09
_		(((427/163.1,163.2).CCLS.) or	US-PGPUB	09:50
		((385/10).CCLS.) or	OB TGT OB	
		((385/123,124,125,126,127,128).CCLS.) or		
		((385/141,142,144).CCLS.)) and		
		(((427/248.1).CCLS.) or		
		((427/372.2,374.1,377,379).ccls.))		
_	23	((427/553,555,558,595).CCLS.) and	USPAT;	2004/02/09
		(((427/163.1,163.2).CCLS.) or	US-PGPUB	09:54
		((385/10).CCLS.) or	1 2 2 2 2 2	
		((385/123,124,125,126,127,128).CCLS.) or		
•		((385/141,142,144).CCLS.))		
_	29	((427/372.2,374.1,377,379).CCLS.) and	USPAT;	2004/02/09
		(((427/163.1,163.2).CCLS.) or	US-PGPUB	09:54
		((385/10).CCLS.) or		1
		((385/123,124,125,126,127,128).CCLS.) or		
		((385/141,142,144).CCLS.))		
	29	(((427/372.2,374.1,377,379).CCLS.) and	USPAT;	2004/02/09
		(((427/163.1,163.2).CCLS.) or	US-PGPUB	10:09
		((385/10).CCLS.) or		
		((385/123,124,125,126,127,128).CCLS.) or		
		((385/141,142,144).CCLS.))) not		
		(((427/553,555,558,595).CCLS.) and		1.
		(((427/163.1,163.2).CCLS.) or		1
		((385/10).CCLS.) or	·	
		((385/123,124,125,126,127,128).CCLS.) or		+
		((385/141,142,144).CCLS.)))		
-	396	(65/385,399,425).CCLS.	USPAT;	2004/02/09
		•	US-PGPUB	10:09
-	0	("L19and(L7orL10)").PN.	USPAT;	2004/02/09
			US-PGPUB	10:10
-	2	((65/385,399,425).CCLS.) and	USPAT;	2004/02/09
		(((427/553,555,558,595).CCLS.) or	US-PGPUB	10:13
	-	((427/372.2,374.1,377,379).CCLS.))	Habam	2004/02/02
-	113	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/02/09
	1	(((427/553,555,558,595).CCLS.)	US-PGPUB	10:13
		((427/163.1,163.2).CCLS.)		·
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
	1	((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.) ((385/141,142,144).CCLS.))		• •
	12021	((65/385,399,425).CCLS.) or	IICDAT -	2004/02/09
~	12021	((65/385,399,425).CCLS.) or (((427/553,555,558,595).CCLS.)	USPAT; US-PGPUB	10:13
		((427/163.1,163.2).CCLS.)	US FGFUB	10.13
		((427/163.1,163.2).CCLS.)		i i
		((427/248.1).CCLS.) ((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))		
		, , , , , , , , ,	1	1

	•			1 / 7
_	74	(((65/385,399,425).CCLS.) or	USPAT;	2004/02/09
		(((427/553,555,558,595).CCLS.)	US-PGPUB	10:54
		((427/163.1,163.2).CCLS.)		
		((427/248.1).CCLS.)	1	
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))) and		
		((hydrogen or H2 or "H.sub.2") same		·
		(photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		,
		quide) or (light adj guide) or fiber or		1
*		fibre)) and ((hydrogen or H2 or		
		"H.sub.2") same (temperature or		
		pressure))		
_	45	((((65/385,399,425).CCLS.) or	USPAT;	2004/02/09
	13	(((427/553,555,558,595).CCLS.)	US-PGPUB	10:56
		((427/163.1,163.2).CCLS.)	00 1,0102	1 23.00
		((427/103.1,103.2).cclls.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		}
		((385/141,142,144).CCLS.))) and		
		((hydrogen or H2 or "H.sub.2") same		·
		(photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
	1	guide) or (light adj guide) or fiber or		
		fibre)) and ((hydrogen or H2 or		
		"H.sub.2") same (temperature or		
	İ	pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or		
İ		vary or varies or varied or alter\$3 or	,	
		profile) with (temperature or pressure))		1
	29		USPAT;	2004/02/09
-	. 29	(((427/553,555,558,595).CCLS.)	US-PGPUB	10:42
		((427/163.1,163.2).CCLS.)	00 20102	1 2012
į		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		·
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))) and		
		((hydrogen or H2 or "H.sub.2") same		
		(photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
		quide) or (light adj guide) or fiber or		
	,	fibre)) and ((hydrogen or H2 or		
		"H.sub.2") same (temperature or		
	•	pressure))) not		,
1		(((((65/385,399,425).CCLS.) or		
		(((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)	-	
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))) and		
†		((hydrogen or H2 or "H.sub.2") same		1
		(photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) and ((hydrogen or H2 or		
		"H.sub.2") same (temperature or		
		pressure))) and ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
	}	vary or varies or varied or alter\$3 or		
}		<pre>profile) with (temperature or pressure)))</pre>		

deuterium or DZ or "D. sub.2" or deuterium or DZ or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj quide) or (light adj quide) or fiber (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide) or (light adj quide) or fiber (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj quide) or (light adj quide) or fiber (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj quide) or (light adj quide) or fiber (photosensiti\$5 or sensiti\$5 or load\$3) or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) and (light adj quide) or fiber or fiber) and (light adj quide) or fiber or fibre) and (light adj quide) or fiber or "B. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj quide) or (light adj quide) or fiber or "B. sub.2") are the pressure)) and (light adj quide) or fiber or pressure) and (light adj quide) or fiber or pressure) and (light adj quide) or fiber or "B. sub.2") same (photosensiti\$5 or varied or alter\$3 or profile) with (temperature or pressure)) not (((465/385, 595, 596, 599), CCLS.) or ((4627/581, 112, 126, 126, 127, 128), CCLS.) ((385/123, 124, 125, 126, 127, 128), CCLS.) ((385/123, 124, 125, 126, 127, 128), CCLS.) ((427/7481, 11, 127, 377, 379), CCLS.) ((427/7481, 11, 32, 2CCLS.) ((427/7481, 11, 3					
(photosensiti\$5 or load\$3) same (waveguide or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "G. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "R. sub.2") same (resperature or profile) with (temperature or pressure)) - 364 (((hydrogen or H2 or "H. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave are profile) with (temperature or pressure)) or fibre)) and ((hydrogen or H2 or "R. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave are or fibre)) and (lydrogen or H2 or "R. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave are or vary or varies or varied or alter\$3 or profile) with (lydrogen or H2 or "R. sub.2") same (lydrogen or H2 or "R. s	-	622	((hydrogen or H2 or "H.sub.2" or	l .	
same (wavequide or lightguide) or fiber or fibre) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or green or fibre) and ((hydrogen or H2 or "H. sub.2") same (photosensitis) or sensitis) or loads) same (wavequide or lightguide) or fiber or fibre) and ((hydrogen or H2 or "H. sub.2") or fibre) and ((hydrogen or H2 or means) or pressure)) and ((tampa or spleas) or pressure)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (photosensitis) or ensitis) or loads3) same (wavequide or lightguide or fiber or fibre) and (hydrogen or H2 or "H. sub.2") or loads3) same (wavequide or lightguide or fibre or fibre) and ((hydrogen or H2 or "H. sub.2") or pressure)) and ((hydrogen or H2 or "B. sub.2") same (temperature or pressure))) not (((4277/53, 555, 558, 558), CCLS.) ((4277/53, 1,467, 2), CCLS.) ((4277/53, 1,467, 2), CCLS.) ((4277/53, 1,447, CCLS.)) ((4277/53, 1,441, CCLS.)) and ((hydrogen or H2 or "H. sub.2") same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or "H. sub.2") same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or "H. sub.2") same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or "H. sub.2") same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or "H. sub.2") same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or "H. sub.2") with (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or fiber or fibre) and (hydrogen or H2 or "B. sub.2") with (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and (hydrogen or H2 or "B. sub.2") with (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and (hydrogen or H2 or "B. sub.2") with (wavequide or lightg				US-PGPUB	15:56
adj guide) or (light adj quide) or fiber or fibre) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or pressure)) 409 ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or 2"D. sub.2") same (wavequide or lightquide or (wave adj quide) or (light adj quide) or fiber or fibre) and ((hydrogen or H2 or "P. sub.2") same (wavequide) or (light adj quide) or fiber or fibre) and ((hydrogen or H2 or "P. sub.2") same (wavequide or fibre) and ((hydrogen or H2 or "P. sub.2") same (pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or vary or varies or varied or alter\$3 or vary or varies or varied or fibre) and ((hydrogen or H2 or "H. sub.2") same (wavequide or lightquide or (wave adj quide) or (light adj quide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (vavequide or lightquide or fibre) nor (((427/553,555,559,595),595, CLLS.) ((427/753,155,559,595),595, CLLS.) ((427/754,1,163,2),cCLS.) ((427/754,1,144),CCLS.) ((427/754,1,144),CCLS.) ((427/754,1,144),CCLS.)) and ((hydrogen or H2 or "H. sub.2") are (wavequide or lightquide) or fibre or fibre)) and ((hydrogen or H2 or "H. sub.2") same (temperature or pressure)) ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with (wavequide or lightquide) or fibre or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (wavequide or lightquide or (wave adj quide) or (light adj quide) or fibre or fibre)) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (wavequide or lightquide or (wave adj quide) or (light adj quide) or fibre or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (wavequide or lightquide or (wave adj quide) or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (wavequide or lightquide or (wave adj quide) or fibre) and (hydrogen or H2 or "D. sub.2") with (wavequide or lightquide or (wave adj quide) or fib			(photosensiti\$5 or sensiti\$5 or load\$3)		
or fibre) and ((hydrogen or H2 or "H. sub.2") same (temperature or pressure)) ((if)ydrogen or H2 or "H. sub.2") or deuterium or D2 or "B. sub.2") same (photosensiti35 or sensiti35 or load33) same (waveguide or significant or D2 or "B. sub.2") same (sub.2") sub.2") same (sub.2") sub.2") same (sub.2") sub.2") su					
or fibre) and ((hydrogen or H2 or "H. sub.2") same (temperature or pressure)) ((if)ydrogen or H2 or "H. sub.2") or deuterium or D2 or "B. sub.2") same (photosensiti35 or sensiti35 or load33) same (waveguide or significant or D2 or "B. sub.2") same (sub.2") sub.2") same (sub.2") sub.2") same (sub.2") sub.2") su			adj guide) or (light adj guide) or fiber		1
"D.sub.2") same (temperature or pressure)) (((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") same (waveguide) or (light ad) guide) or (wave ad) quide) or (light ad) guide) or fiber or "H.sub.2" or deuterium or D2 or "P.sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or profile) with (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave ad) quide) or (light ad) guide) or fiber or "P.sub.2" or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or load\$3) same (waveguide or lightguide or (wave ad) quide) or (light ad) guide) or fiber or "P.sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) not (((65/385, 399, 425).CCLS.) or ((427/163.1,163.2).CCLS.) ((385/121,142.144).CCLS.))) and ((hydrogen or P2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave ad) quide) or (light ad) guide) or fiber or fiber) and ((hydrogen or H2 or "M.sub.2") or deuterium or D2 or "D.sub.2") with (waveguide or lightguide or (wave ad) quide) or (light ad) quide) or fiber or fiber) and ((hydrogen or H2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave ad) quide) or (light ad) quide) or fiber or fiber or fiber or fiber) and (hydrogen or H2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave ad) quide) or (light ad) quide) or fiber or "M.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or lo					
"D.sub.2") same (temperature or pressure)) (((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") same (waveguide) or (light ad) guide) or (wave ad) quide) or (light ad) guide) or fiber or "H.sub.2" or deuterium or D2 or "P.sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or profile) with (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave ad) quide) or (light ad) guide) or fiber or "P.sub.2" or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or load\$3) same (waveguide or lightguide or (wave ad) quide) or (light ad) guide) or fiber or "P.sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) not (((65/385, 399, 425).CCLS.) or ((427/163.1,163.2).CCLS.) ((385/121,142.144).CCLS.))) and ((hydrogen or P2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave ad) quide) or (light ad) guide) or fiber or fiber) and ((hydrogen or H2 or "M.sub.2") or deuterium or D2 or "D.sub.2") with (waveguide or lightguide or (wave ad) quide) or (light ad) quide) or fiber or fiber) and ((hydrogen or H2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave ad) quide) or (light ad) quide) or fiber or fiber or fiber or fiber) and (hydrogen or H2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave ad) quide) or (light ad) quide) or fiber or "M.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or lo			"H.sub.2" or deuterium or D2 or		1
deuterium or D2 or "B. sub.2" same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave adj quide) or (light adj guide) or fiber or fibre)) and ((thydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((tamp\$3 or spix\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pare) (hotosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre)) and ((hydrogen or H2 or "B. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((ramp\$3 or spix\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) and ((ramp\$3 or spix\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) not ((((65/38), 399, 425), CCLS.) ((427/531, 558, 598), SCLS.) ((427/531, 516, 127, 128), CCLS.) ((385/102, 142, 144), CCLS.)) ((385/102, 142, 144), CCLS.)) ((19th adj quide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "B. sub.2") same (temperature or pressure)) ((hydrogen or H2 or "H. sub.2") same (waveguide or lightquide or (wave adj quide) or (light adj quide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with ((hydrogen or H2 or "D. sub.2") with (1
deuterium or D2 or "D. sub.2") same (photosensitis 50 or sensitis 50 or load33) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((ramp3) or spik83 or regulat3 or increas33 or decreas33 or vary or varies or varied or alter31 or profile) with (temperature or pressure)) - 364 ((in) with (temperature or pressure)) deuterium or D2 or "D. sub.2") same (photosensitis) or sensitis) or load\$3) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure)) not (((65/385, 399, 425), CCLS.) ((427/7248.1), and (ramp3) or spik33 or regulat33 or increas33 or decreas33 or vary or varie (temperature or pressure))) not (((65/385, 399, 425), CCLS.) ((427/7248.1), CCLS.) ((427/7248.1), CCLS.) ((385/123,124,125,126,127,128), CCLS.) ((385/123,124,124,124), CCLS.)) ((385/123,124,124,124), CCLS.)) and ((hydrogen or H2 or "H. sub.2") same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") same (temperature or pressure))) ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with ((photosensitis) or sensitis) or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with (temperature or pressure)) (USPAT; USPAT) USPAT; USPGUB 10:57			pressure))		
(photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightquide or (wave adj guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "p.sub.2") same (temperature or pressure))) and ((ramp\$3 or spik\$3 or pregulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or prefile with (temperature or pressure)) ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (waveguide or light adj guide) or (wave adj guide) or (Light adj guide) or fiber or "h.sub.2" or deuterium or D2 or "D.sub.2") same (waveguide or light adj guide) or fiber or "p.sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure))) not ((((65/38, 399, 425), CCLs.)) ((427/583, 555, 558, 555), CCLs.) ((427/583, 555, 558), 555), CCLs.) ((427/583, 555, 558), 555), CCLs.) ((385/10), CCLs.) ((385/10), CCLs.) ((385/10), CCLs.) ((385/12), 124, 124, 125, 126, 127, 128), CCLs.) ((385/12), 124, 124, 125, 126, 127, 128), CCLs.) ((385/12), and (hydrogen or H2 or "h.sub.2") or deuterium or D2 or "p.sub.2") same (temperature or pressure)) and (hydrogen or H2 or "h.sub.2") or deuterium or D2 or "b.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightquide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "h.sub.2") or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or ensiti\$5 or load\$3) with (waveguide or lightquide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "h.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (10 ((hydrogen or H2 or "h.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure)) and (hydrogen or H2 or "h.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) and (hydrogen or H2 or "D.sub.2") with (temperature or pressure)) and (hydrogen or H2 or "D.sub.2") with (temperature or pressure)) and	1 –	409	(((hydrogen or H2 or "H.sub.2" or	USPAT;	, · · · .
same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((ramp3) or spik3) or regulat33 or increas33 or decreas33 or vary or varies or varied or alter33 or profile) with (temperature or pressure)) (((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (photosensitis5 or sensitis5 or load33) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "". "D. sub.2") or deuters or regulat33 or the form of the composition of the	1			US-PGPUB	10:57
same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((ramp3) or spik3) or regulat33 or increas33 or decreas33 or vary or varies or varied or alter33 or profile) with (temperature or pressure)) (((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") same (photosensitis5 or sensitis5 or load33) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "". "D. sub.2") or deuters or regulat33 or the form of the composition of the			(photosensiti\$5 or sensiti\$5 or load\$3)		
adj guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or These) and ((hydrogen or H2 or These or fibre)) and ((tramp\$3 or spik\$3 or regulat\$3 or increas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) - 364 ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (wave adj guide) or (light adj guide) or fibre or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure))) not (((65/385,355,585,859),2615.) ((427/348.1) and (spik) (and spik) (hydrogen or H2 or H.sub.2") (385/101,214). (215.) ((427/348.1) and (spik) (and spik) (hydrogen or H2 or H.sub.2") same (temperature or pressure))) not (((65/385,355,585,859),255). (CLS.) ((427/348.1) and (bydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or deuterium or D2 or "D.sub.2") with (temperature or pressure)) - 82 ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) and (fibre or fibre or fibre) and (hydrogen or			same (waveguide or lightguide or (wave		·
"H. sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) 364 ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure))) not (((65/385,399,425).CCLS.) ((427/363.1,163.2).CCLS.) ((427/348.1).CCLS.) ((427/348.1).CCLS.) ((427/348.1).CCLS.) ((385/123,124,125,126.125.)) and ((hydrogen or H2 or "H. sub.2") same (hydrogen or H2 or "H. sub.2") same (temperature or pressure)) 147 ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and (hydrogen or H2 or "H. sub.2") same (hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with (photosensiti\$5 or deuterium or D2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (superature or pressure)) - 82 ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (temperature or pressure)) or deuterium or D2 or "D. sub.2") with (temperature or pressure)) and ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (superature or pressure)) and (fight of guide) or fiber or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (supera					
"H. sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) 364 ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure))) not (((65/385,399,425).CCLS.) ((427/363.1,163.2).CCLS.) ((427/348.1).CCLS.) ((427/348.1).CCLS.) ((427/348.1).CCLS.) ((385/123,124,125,126.125.)) and ((hydrogen or H2 or "H. sub.2") same (hydrogen or H2 or "H. sub.2") same (temperature or pressure)) 147 ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and (hydrogen or H2 or "H. sub.2") same (hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") with (photosensiti\$5 or deuterium or D2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (superature or pressure)) - 82 ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (temperature or pressure)) or deuterium or D2 or "D. sub.2") with (temperature or pressure)) and ((hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (superature or pressure)) and (fight of guide) or fiber or fibre) and (hydrogen or H2 or "H. sub.2" or deuterium or D2 or "D. sub.2") with (supera	.		or fibre)) and ((hydrogen or H2 or	İ	1
pressure))) and ((ramp\$3 or spik\$3 or requilat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) refully with (temperature or pressure)) ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or prefile) with (temperature or pressure))) not ((((627)65,395,399,425).CCLS.) or ((4277/63.1,163.2).CCLS.) ((4277/63.1,163.2).CCLS.) ((4277/63.1,163.2).CCLS.) ((385/12).CCLS.) ((385/12).124,125,126,127,128).CCLS.) ((385/12).124,124).CCLS.)) and ((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (sensensiti\$5 or load\$3) with (waveguide or lightguide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (sensensiti\$5 or load\$3) with (waveguide or lightguide) or fiber or fibre)) and (framp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					<u> </u>
pressure))) and ((ramp\$3 or spik\$3 or requilat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) refully with (temperature or pressure)) ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (wavequide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D. sub.2") same (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or prefile) with (temperature or pressure))) not ((((627)65,395,399,425).CCLS.) or ((4277/63.1,163.2).CCLS.) ((4277/63.1,163.2).CCLS.) ((4277/63.1,163.2).CCLS.) ((385/12).CCLS.) ((385/12).124,125,126,127,128).CCLS.) ((385/12).124,124).CCLS.)) and ((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (sensensiti\$5 or load\$3) with (waveguide or lightguide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (sensensiti\$5 or load\$3) with (waveguide or lightguide) or fiber or fibre)) and (framp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			"D.sub.2") same (temperature or .		'
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deuterium or D2 or "D. sub.2" or USPAT; US-PGPUB (photosensiti\$5 or sensiti\$5 or load\$3) same (wavequide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and ((hydrogen or H2 or "H. sub.2") or deuterium or D2 or "D. sub.2") same (temperature or pressure)) not (((f65/385,399,425).CCLS.) or (((1277/531,516,365).CCLS.) or (((1277/531,516,365).CCLS.) ((4277/531,516,365).CCLS.) ((4277/248.1).CCLS.) ((385/123,124,125,126,127,128).CCLS.) ((385/141,142,144).CCLS.))) and ((hydrogen or H2 or "H. sub.2") same (photosensiti\$5 or sensiti\$5) same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj quide)) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj quide)) or (light adj quide) or fiber or fibre) and (hydrogen or H2 or "D. sub.2") with (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and (hydrogen or H2 or "D. sub.2") with (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and (hydrogen or H2 or "D. sub.2") with (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and (hydrogen or H2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and (hydrogen or H2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and (hydrogen or H2 or "D. sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj quide) or (light adj quide) or fiber or fibre) and (light adj quide) or fiber or fibre) and (light adj quide) or fiber or fibre) and (light adj quide) or fiber or fibre) and (light adj quide) or fibre or fibre) and (light adj quide) or fibre or fibre) and (light adj quide) or fibre or fibre) and (light adj quide) or fibre or fibre) and (light adj q			profile) with (temperature or pressure))		
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same (waveguide or lightguide or (wave adj quide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure))) not ((((65/385,399,425).CCLS.) ((427/438.1).CCLS.) ((427/438.1).CCLS.) ((427/438.1).CCLS.) ((427/438.1).CCLS.) ((385/10).CCLS.) ((385/10).CCLS.) ((385/123,124,125,126,127,128).CCLS.) ((385/141,142,144).CCLS.))) and ((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "P.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "B.sub.2") with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "B.sub.2") with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "B.sub.2") with (vaveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (hydrogen or H2 or "B.sub.2") with (vaveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "B.sub.2") with (vaveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "B.sub.2") with (vaveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "B.sub.2") with (vaveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and (light adj guide) or fiber or fibre)) and (light adj guide) or fiber or fibre)) are deuterium or D2 or "D.sub.2") with (vaveguide or lightguide or (vave adj guide) or (light adj guide) or fiber or fibre)) are deuterium or D2 or "D.sub.2") with (vaveguide or lightguide) or fibre or f				US-PGPUB	10:56
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or fibre) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure)) and ((ramp3 or spik3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure))) not (((65/385,399,425).CCLS.) (((427/163.1,163.2).CCLS.) ((427/163.1,163.2).CCLS.) ((427/372.2,374.1,377,379).CCLS.) ((385/10).CCLS.) ((385/123,124,125,126,127,128).CCLS.) ((385/141,142,144).CCLS.))) and ((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) (((hydrogen or H2 or "H.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure)) ((hydrogen or H2 or "H.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and (or (ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or	1		adj guide) or (light adj guide) or fiber		
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pressure)) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or profile) with (temperature or pressure)) not (((65/385,399,425).CCLS.) ((427/553,555,558,595).CCLS.) ((427/563.1,163.2).CCLS.) ((427/748.1).CCLS.) ((427/372.2,374.1,377,379).CCLS.) ((385/10).CCLS.) ((385/10).CCLS.) ((385/10).CCLS.) ((385/114).142,144).CCLS.)) and ((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) 147 822 (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) ((1) (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) ((1) (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) ((1) (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (1) (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (1) (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (1) (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (2) (1) (hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure)			"D.sub.2") same (temperature or	,	
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((427/248.1).CCLS.) ((427/372.2,374.1,377,379).CCLS.) ((385/10).CCLS.) ((385/10).CCLS.) ((385/123,124,125,126,127,128).CCLS.) ((385/123,124,125,126,127,128).CCLS.) ((385/121,142,144).CCLS.)) and ((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			(((427/553,555,558,595).CCLS.)		
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((385/141,142,144).CCLS.))) and (((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) 147 ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) 128 ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			((385/10).CCLS.)		
((hydrogen or H2 or "H.sub.2") same (photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((famp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or		}	((385/123,124,125,126,127,128).CCLS.)		·
(photosensiti\$5 or sensiti\$5) same (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) 147 ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure)) 82 (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or		-	((385/141,142,144).CCLS.))) and		
<pre>(waveguide or lightguide) or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "B.sub.2") with (temperature or pressure)) and ((rydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or</pre>			((hydrogen or H2 or "H.sub.2") same		
guide) or (light adj guide) or fiber or fibre) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) 147 (hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "B.sub.2") or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "B.sub.2") with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			(photosensiti\$5 or sensiti\$5) same		
fibre)) and ((hydrogen or H2 or "H.sub.2") same (temperature or pressure))) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "B.sub.2") with (temperature or pressure)) with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or		Í	(waveguide or lightguide or (wave adj		
"H.sub.2") same (temperature or pressure)) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			guide) or (light adj guide) or fiber or		
pressure))) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			fibre)) and ((hydrogen or H2 or		
147 ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) 82 (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (waveguide or lightguide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					
deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					
(photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or	-	147		1	1
<pre>(photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) 2 ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or</pre>	1			US-PGPUB	11:43
adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or		1	(photosensiti\$5 or sensiti\$5 or load\$3)		·
or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or	1		with (waveguide or lightguide or (wave		
"H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			adj guide) or (light adj guide) or fiber		
"D.sub.2") with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or		1			
pressure)) (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					
- 82 (((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			"D.sub.2") with (temperature or	.]	
deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					
<pre>(photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or</pre>	-	82	(((hydrogen or H2 or "H.sub.2" or		
with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			deuterium or D2 or "D.sub.2") with	US-PGPUB	10:57
adj guide) or (light adj guide) or fiber or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or		1			·
or fibre)) and ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or				1	1
"H.sub.2" or deuterium or D2 or "D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					
"D.sub.2") with (temperature or pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or			or fibre)) and ((hydrogen or H2 or		
pressure))) and ((ramp\$3 or spik\$3 or regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					
regulat\$3 or increas\$3 or decreas\$3 or vary or varies or varied or alter\$3 or					1
vary or varies or varied or alter\$3 or	1				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					-
profile) with (temperature or pressure))		1	[mastile) with (temperature or pressure))	1	1

52 ((((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") with (photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber	
(photosensiti\$5 or sensiti\$5 or load\$3) with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber	
with (waveguide or lightguide or (wave adj guide) or (light adj guide) or fiber	
adj guide) or (light adj guide) or fiber	1
or fibre)) and ((hydrogen or H2 or	
"H.sub.2" or deuterium or D2 or	
"D.sub.2") with (temperature or	
pressure))) and ((ramp\$3 or spik\$3 or	
regulat\$3 or increas\$3 or decreas\$3 or	
vary or varies or varied or alter\$3 or	
profile) with (temperature or pressure)))	
not ((((65/385,399,425).CCLS.) or	
(((427/553,555,558,595).CCLS.)	
((427/163.1,163.2).ccls.)	
((427/248.1).CCLS.)	
((427/372.2,374.1,377,379).CCLS.)	
((385/10).CCLS.)	
((385/123, 124, 125, 126, 127, 128).CCLS.)	
((385/141,142,144).CCLS.))) and	
((hydrogen or H2 or "H.sub.2") same	
(photosensiti\$5 or sensiti\$5) same	
(waveguide or lightguide or (wave adj	
guide) or (light adj guide) or fiber or	
fibre)) and ((hydrogen or H2 or	
"H.sub.2") same (temperature or	
pressure)))	
65 (((hydrogen or H2 or "H.sub.2" or USPAT; 2004/02	:/09
deuterium or D2 or "D.sub.2") with US-PGPUB 11:13	
(photosensiti\$5 or sensiti\$5 or load\$3)	
with (waveguide or lightguide or (wave	
adj guide) or (light adj guide) or fiber	
or fibre)) and ((hydrogen or H2 or	
"H.sub.2" or deuterium or D2 or	
"D.sub.2") with (temperature or	
pressure))) not ((((hydrogen or H2 or	
"H.sub.2" or deuterium or D2 or	
"D.sub.2") with (photosensiti\$5 or	
sensiti\$5 or load\$3) with (waveguide or	
lightguide or (wave adj guide) or (light	•
adj guide) or fiber or fibre)) and	
((hydrogen or H2 or "H.sub.2" or	
deuterium or D2 or "D.sub.2") with	
(temperature or pressure))) and ((ramp\$3	
or spik\$3 or regulat\$3 or increas\$3 or	
decreas\$3 or vary or varies or varied or	
alter\$3 or profile) with (temperature or	
pressure)))	
57 ((hydrogen or H2 or "H.sub.2" or USPAT; 2004/02	:/09
deuterium or D2 or "D.sub.2") same US-PGPUB 12:08	
(photosensiti\$5 or sensiti\$5 or load\$3)	
same (wavequide or lightquide or (wave	
adj guide) or (light adj guide) or fiber	
or fibre)) same ((ramp\$3 or spik\$3 or	
regulat\$3 or increas\$3 or decreas\$3 or	
I trans or transor or transor or altered or	C.
vary or varies or varied or alter\$3 or	2 / 0 0
profile) with (temperature or pressure))	
profile) with (temperature or pressure)) 25 ((hydrogen or H2 or "H.sub.2" or USPAT; 2004/0	./09
profile) with (temperature or pressure)) ((hydrogen or H2 or "H.sub.2" or USPAT; 2004/00 deuterium or D2 or "D.sub.2") same US-PGPUB 11:43	2/09
profile) with (temperature or pressure)) 25 ((hydrogen or H2 or "H.sub.2" or USPAT; 2004/0	.,09
profile) with (temperature or pressure)) ((hydrogen or H2 or "H.sub.2" or USPAT; 2004/00 deuterium or D2 or "D.sub.2") same US-PGPUB 11:43	
profile) with (temperature or pressure)) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) same (waveguide or lightguide or (wave	2709
profile) with (temperature or pressure)) ((hydrogen or H2 or "H.sub.2" or deuterium or D2 or "D.sub.2") same (photosensiti\$5 or sensiti\$5 or load\$3) USPAT; US-PGPUB 11:43	2709

	697	((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2") same	US-PGPUB	12:16
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
•		fibre)) same ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		
		profile) with (temperature or pressure))		
_	323	((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
	323	deuterium or D2 or "D.sub.2") with	US-PGPUB	11:45
		(waveguide or lightguide or (wave adj	05 20105	
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
•	1			1
1		vary or varies or varied or alter\$3 or		
	283	<pre>profile) with (temperature or pressure)) (((hydrogen or H2 or "H.sub.2" or</pre>	USPAT;	2004/02/09
_	283		US-PGPUB	11:45
		deuterium or D2 or "D.sub.2") with	US-PGPUB	11.43
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
	•	vary or varies or varied or alter\$3 or		
		profile) with (temperature or pressure)))		
,		not (((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") with		·
		(photosensiti\$5 or sensiti\$5 or load\$3)	`	
		with (waveguide or lightguide or (wave		
·		adj guide) or (light adj guide) or fiber		
		or fibre)) and ((hydrogen or H2 or	1	
		"H.sub.2" or deuterium or D2 or	ŀ	
		"D.sub.2") with (temperature or		
		pressure)))		0004/00/00
-	103	(((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
	1	deuterium or D2 or "D.sub.2") same	US-PGPUB	11:45
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
	!	vary or varies or varied or alter\$3 or	[
	1	profile) with (temperature or pressure)))		
	1	and (((65/385, 399, 425).CCLS.) or		
		(((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
	-	((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.)))		

		100		
-	80	((((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2") same	US-PGPUB	11:54
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		·
		profile) with (temperature or pressure)))		
		and (((65/385,399,425).CCLS.) or		i -
		(((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		
		((427/103.1,103.2).tchs.)		
			1	
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
·		((385/123,124,125,126,127,128).CCLS.)		1
		((385/141,142,144).CCLS.)))) not		
	1	(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") with		
		(photosensiti\$5 or sensiti\$5 or load\$3)		
		with (waveguide or lightguide or (wave	1	
		adj guide) or (light adj guide) or fiber		
		or fibre)) and ((hydrogen or H2 or		į
		"H.sub.2" or deuterium or D2 or		
		"D.sub.2") with (temperature or	1	
		pressure)))	1	
_	231	((((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2") with	US-PGPUB	11:54
	1.	(waveguide or lightguide or (wave adj		1
		guide) or (light adj guide) or fiber or		
	1	fibre)) same ((ramp\$3 or spik\$3 or		<u> </u>
		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		
		<pre>profile) with (temperature or pressure))) not (((hydrogen or H2 or "H.sub.2" or</pre>		
		1		
		deuterium or D2 or "D.sub.2") with		1 .
		(photosensiti\$5 or sensiti\$5 or load\$3)	,	
		with (waveguide or lightguide or (wave		1
	ŧ	adj guide) or (light adj guide) or fiber		
		or fibre)) and ((hydrogen or H2 or		
		"H.sub.2" or deuterium or D2 or		
		"D.sub.2") with (temperature or		
		pressure)))) not ((((hydrogen or H2 or		
		"H.sub.2" or deuterium or D2 or		
		"D.sub.2") same (waveguide or lightguide	1	
		or (wave adj guide) or (light adj guide)		
ĺ		or fiber or fibre)) same ((ramp\$3 or	•	
		spik\$3 or regulat\$3 or increas\$3 or		
		decreas\$3 or vary or varies or varied or		
		alter\$3 or profile) with (temperature or		1
		pressure))) and (((65/385,399,425).CCLS.)		
		or (((427/553,555,558,595).CCLS.)		
	1	((427/163.1,163.2).CCLS.)		
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.) ((385/123,124,125,126,127,128).CCLS.)		
	0.3	((385/141,142,144).CCLS.))))	IICDAM.	2004/02/09
-	83		USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2" or	US-PGPUB	12:03
	.	photosensiti\$5 or sensiti\$5) same		•
1		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
1		<pre>profile) near4 (temperature or pressure))</pre>		

_	12	(((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2" or	US-PGPUB	12:05
·		photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		profile) near4 (temperature or		
		pressure))) and (((65/385,399,425).CCLS.)		
		or (((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)	÷	
·		((427/248.1).CCLS.)	İ	
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.)))		
	71	(((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2" or	US-PGPUB	12:05
		photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		profile) near4 (temperature or	1.	
		pressure))) not ((((hydrogen or H2 or		
		"H.sub.2" or deuterium or D2 or "D.sub.2"		
		or photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		profile) near4 (temperature or		
		pressure))) and (((65/385,399,425).CCLS.)		
		or (((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		·
:		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)	,	
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))))		
_	681	((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2") with	US-PGPUB	12:09
		(photosensiti\$5 or sensiti\$5 or load\$3))	,	
		same ((ramp\$3 or spik\$3 or regulat\$3 or		
İ		increas\$3 or decreas\$3 or vary or varies		
·		or varied or alter\$3 or profile) near5		
		(temperature or pressure))		1
_	231		USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2") with	US-PGPUB	12:11
		(photosensiti\$5 or sensiti\$5)) same		
		((ramp\$3 or spik\$3 or regulat\$3 or		• · ·
	,	increas\$3 or decreas\$3 or vary or varies		į
		or varied or alter\$3 or profile) near5		
		(temperature or pressure))		
_	7	1 , +	USPAT;	2004/02/09
	,	deuterium or D2 or "D.sub.2") with	US-PGPUB	12:12
		(photosensiti\$5 or sensiti\$5)) same	1	
		((ramp\$3 or spik\$3 or regulat\$3 or	,	
		increas\$3 or decreas\$3 or vary or varies		
1		or varied or alter\$3 or profile) near5	1	
1 .		(temperature or pressure))) and		
1		(((65/385,399,425).CCLS.) or		
		(((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
	[((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.)))	,	
1	l	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	.1	_L

	224	(((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
	1 224	deuterium or D2 or "D.sub.2") with	US-PGPUB	12:11
			OD LOLOD	12.11
		(photosensiti\$5 or sensiti\$5)) same		
		((ramp\$3 or spik\$3 or regulat\$3 or		
		increas\$3 or decreas\$3 or vary or varies		
		or varied or alter\$3 or profile) near5		
		(temperature or pressure))) not		
		((((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") with		
		(photosensiti\$5 or sensiti\$5)) same		
		((ramp\$3 or spik\$3 or regulat\$3 or		
		increas\$3 or decreas\$3 or vary or varies		
		or varied or alter\$3 or profile) near5		
		(temperature or pressure))) and		
		(((65/385,399,425).CCLS.) or		
		(((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		· ·
		1 ' '		
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))))		
•	222	((((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
		deuterium or D2 or "D.sub.2") with	US-PGPUB	12:11
	1	(photosensiti\$5 or sensiti\$5)) same		
		((ramp\$3 or spik\$3 or regulat\$3 or		·
	*	increas\$3 or decreas\$3 or vary or varies		
		or varied or alter\$3 or profile) near5		į
		(temperature or pressure))) not		*
		(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") with		
		(photosensiti\$5 or sensiti\$5)) same		
		((ramp\$3 or spik\$3 or regulat\$3 or		
		increas\$3 or decreas\$3 or vary or varies	1	
	1	or varied or alter\$3 or profile) near5		
		(temperature or pressure))) and		
		(((65/385,399,425).CCLS.) or		
		(((427/553,555,558,595).CCLS.)		'
		((427/163.1,163.2).CCLS.)		. 1
		((427/248.1).CCLS.)		•
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		
		((385/141,142,144).CCLS.))))) not		
		(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2" or		
		photosensiti\$5 or sensiti\$5) same		
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) same ((ramp\$3 or spik\$3 or		
		profile) near4 (temperature or		
		profile, heart (temperature of pressure)))		
		LOTESSULET (1		

	216	((((hydrogen or H2 or "H.sub.2" or	USPAT;	2004/02/09
-	216	deuterium or D2 or "D.sub.2") with	US-PGPUB	12:12
		(photosensiti\$5 or sensiti\$5)) same		
	1	((ramp\$3 or spik\$3 or regulat\$3 or		
1		increas\$3 or decreas\$3 or vary or varies		
	ĺ	or varied or alter\$3 or profile) near5		
		(temperature or pressure))) not		•
	1	(temperature of pressure/// not		
1	I	((((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") with		
		(photosensiti\$5 or sensiti\$5)) same	·	,
		((ramp\$3 or spik\$3 or regulat\$3 or		
		increas\$3 or decreas\$3 or vary or varies		,
		or varied or alter\$3 or profile) near5		
		(temperature or pressure))) and		
		(((65/385,399,425).CCLS.) or		
1		(((427/553,555,558,595).CCLS.)		
		((427/163.1,163.2).CCLS.)		
		((427/248.1).CCLS.)		
		((427/372.2,374.1,377,379).CCLS.)		
		((385/10).CCLS.)		
		((385/123,124,125,126,127,128).CCLS.)		1
!	1	((385/141,142,144).CCLS.))))) not		
]		(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2" or		
		photosensiti\$5 or sensiti\$5) same		1
		(waveguide or lightguide or (wave adj		
		quide) or (light adj guide) or fiber or		·
İ		guide) or (light adj guide) of liber of		
	i	fibre)) same ((ramp\$3 or spik\$3 or		
		profile) near4 (temperature or		
		pressure)))) not ((((hydrogen or H2 or		
		"H.sub.2" or deuterium or D2 or		
		"D.sub.2") same (photosensiti\$5 or		·
		sensiti\$5 or load\$3) same (waveguide or		
		lightguide or (wave adj guide) or (light		
		adj guide) or fiber or fibre)) same		
i		((ramp\$3 or spik\$3 or regulat\$3 or		
		increas\$3 or decreas\$3 or vary or varies		!
		or varied or alter\$3 or profile) with		
		(temperature or pressure))) or		
		(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") same		
		(photosensiti\$5 or sensiti\$5 or load\$3)		
		same (waveguide or lightguide or (wave		
1		adj guide) or (light adj guide) or fiber		
		or fibre)) same ((low\$2 or reduced or	1	
	•	vacuum) near3 (pressure))))		
	29		EPO; JPO;	2004/02/09
	49	deuterium or D2 or "D.sub.2") and	DERWENT;	12:20
	*	(waveguide or lightguide or (wave adj	IBM TDB	
		guide) or (light adj guide) or fiber or		1
		fibrall and //ramps? or snike? or		
		fibre)) and ((ramp\$3 or spik\$3 or	1 .	
1		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		
		profile) with (temperature or pressure))		
İ		and (load\$3 or diffus\$4 or		
		photosensitiv\$6 or sensitiv\$6)		2004/02/05
- [354	((hydrogen or H2 or "H.sub.2" or	EPO; JPO;	2004/02/09
		deuterium or D2 or "D.sub.2") same	DERWENT;	12:21
1		(waveguide or lightguide or (wave adj	IBM_TDB	
		quide) or (light adj guide) or fiber or		
		fibre)) same (load\$3 or diffus\$4 or		
		photosensitiv\$6 or sensitiv\$6)		
_	129	17	EPO; JPO;	2004/02/09
	127	deuterium or D2 or "D.sub.2") same	DERWENT;	12:22
		(wavequide or lightguide or (wave adj	IBM TDB	
		quide) or (light adj guide) or fiber or		
		fibre)) same (load\$3 or diffus\$4 or		
	-	Tible)) same (Todays of diffuser of	*	
		<pre>photosensitiv\$6 or sensitiv\$6)) and (temperature or pressure)</pre>		
		LATOMNOPORUPO OF DYASSUPAL	1	i .

_	1.13	((((hydrogen or H2 or "H.sub.2" or	EPO; JPO;	2004/02/09
		deuterium or D2 or "D.sub.2") same	DERWENT;	12:31
		(waveguide or lightguide or (wave adj	IBM TDB	
		guide) or (light adj guide) or fiber or	151155	*
		fibre)) same (load\$3 or diffus\$4 or		
				1
		photosensitiv\$6 or sensitiv\$6)) and		1
		(temperature or pressure)) not		
		(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") and		
		(waveguide or lightguide or (wave adj		
	1	guide) or (light adj guide) or fiber or		
		fibre)) and ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		
		profile) with (temperature or pressure))		
		and (load\$3 or diffus\$4 or		
		photosensitiv\$6 or sensitiv\$6))		
_	225	(((hydrogen or H2 or "H.sub.2" or	EPO; JPO;	2004/02/09
		deuterium or D2 or "D.sub.2") same	DERWENT;	15:47
		(waveguide or lightguide or (wave adj	IBM_TDB	1
		guide) or (light adj guide) or fiber or		1
		fibre)) same (load\$3 or diffus\$4 or	•	
	1	photosensitiv\$6 or sensitiv\$6)) not		
		(((((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") same		
	-	(waveguide or lightguide or (wave adj		•
	İ	guide) or (light adj guide) or fiber or		
		fibre)) same (load\$3 or diffus\$4 or		
		photosensitiv\$6 or sensitiv\$6)) and	i ·	
		(temperature or pressure)) not		
	1	(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") and		
		(waveguide or lightguide or (wave adj		
		guide) or (light adj guide) or fiber or		
		fibre)) and ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		
		profile) with (temperature or pressure))		
		and (load\$3 or diffus\$4 or		
		photosensitiv\$6 or sensitiv\$6))) or		
		(((hydrogen or H2 or "H.sub.2" or		
		deuterium or D2 or "D.sub.2") and		
		(waveguide or lightguide or (wave adj		
	ļ	guide) or (light adj guide) or fiber or		
		fibre)) and ((ramp\$3 or spik\$3 or		
		regulat\$3 or increas\$3 or decreas\$3 or		
		vary or varies or varied or alter\$3 or		
		profile) with (temperature or pressure))		
		and (load\$3 or diffus\$4 or		
-		photosensitiv\$6 or sensitiv\$6)))		
	1	1 *		